A CLASS	INTERNATIONAL SEARCH RE	EPORT	PCT/IB 03/06162
ÎPC 7	F01N5/02 F02G5/02 H01L3	5/00	
B. FIELDS	to International Patent Classification (IPC) or to both national class SEARCHED ocumentation searched (classification system followed by classification system)		
	TOTA TOZO HOIL		
	tion searched other than minimum documentation to the extent the		
EPO-In	lata base consulted during the international search (name of data ternal, WPI Data, PAJ	a base and, where practical,	search terms used)
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with Indication, where appropriate, of the	relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 09, 30 July 1999 (1999-07-30)		1,2,4
Υ	& JP 11 122960 A (CALSONIC CORP MOTOR CO LTD), 30 April 1999 (1 paragraph '0015! - paragraph ' figures 1.2	3,8,9	
Α			6,13
Υ	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05, 31 May 1999 (1999-05-31) & JP 11 036981 A (NISSAN MOTOR (LTD;CALSONIC CORP), 9 February 1999 (1999-02-09) cited in the application	00	3,8,9
A	figures 3,4,13	-/	1,2,5
	or documents are listed in the continuation of box C.	χ Patent family mer	mbers are listed in annex.
"A" document consider "E" earlier do filing dat "L" document which is citation of "O" document other me "P" document later that	which may throw doubts on priority claim(s) or cited to establish the publication date of another or other special reason (as specified)	cited to understand the invention "X" document of particular cannot be considered involve an inventive serious cannot be considered document is combined in the art. "&" document member of the invention of the combined in the art.	ned after the international filing date of in conflict with the application but the principle or theory underlying the relevance; the claimed invention over or cannot be considered to step when the document is taken alone relevance; the claimed invention to involve an inventive step when the dwith one or more other such docution being obvious to a person skilled the same patent family
	April 2004	03/05/200	4
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		PCT/IB 03/06162						
C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.						
A	US 5 917 144 A (GYOTEN HISAAKI ET AL) 29 June 1999 (1999-06-29) column 5, line 9 -column 14, line 27; figures 1-16	1,2						
	FR 2 512 499 A (CARABETIAN CHARLES) 11 March 1983 (1983-03-11) page 3, line 29 -page 10, line 10; figure 4	1,2,5,7						
.								
		,						

INTERNATIONAL SEARCH REPORT

PCT/IB 03/06162

					101/10 03/00102	
P cite	Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP	11122960	Α	30-04-1999	NONE		
JP	11036981	A	09-02-1999	NONE	و خدو بدن حد جدی کارو <u>بدن حدی بدن بدن ندی این بدن کار بدن کار</u>	
US 	5917144	A	29-06-1999	JP EP	9329058 A 0813253 A2	22-12-1997 17-12-1997
FR	2512499	Α	11-03-1983	FR	2512499 A1	11-03-1983